soon to include the new species, *Oeneis tanana*. It will be available before butterfly season, 2016—keep an eye on the AkEntoNet-L listserv for an announcement!

Curation efforts continue

Coming into butterfly season of 2016, it feels as though the past two years have gone by in a flash. It has been my sincere pleasure to care for Dr. Philip's collection, and I look forward to my coming months of work with it. I am happy to share that I am now the curatorial assistant to Dr. Derek Sikes and a graduate student at the University of Alaska Fairbanks. I began in September of 2015 and am using the collection to ask several research questions. These will be detailed in a future article in the *AKES Newsletter*. This semester, I am currently training 16 undergraduate students to link Dr. Philip's specimens to their digital records. Another undergraduate student is working to photograph every drawer in the collection. Once complete, these will be publicly accessible and also will go on display in an exhibit planned for 2017 at UAM. It will be wonderful to share the life and legacy of Dr. Ken Philip and his Alaska Lepidoptera Survey with museum visitors. Until then, I look forward to sharing future news of work on his collection with the Alaska Entomological Society community.

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The Blackberry Skeletonizer, *Schreckensteinia festaliella* (Hübner) (Lepidoptera: Schreckensteiniidae) in Alaska

by Matt Bowser[1]*, Matt Goff*[2]*, and Kristin DuBour*[3]

Figure 1: Photo of *Schreckensteinia festaliella*, Sitka, Alaska, 29.June.2008 by Matt Goff (http://bugguide.net/node/view/197612).

The Blackberry Skeletonizer, *Schreckensteinia festaliella* (Hübner, 1819), now appears to be present in eastern Alaska. A Palearctic species, *S. festaliella* was first reported in Canada by Pohl et al. (2005) and has more recently been documented from as close to Alaska as British Columbia (Pohl et al., 2015). This species had not reported from Alaska by Ferris et al. (2012). Although no specimens are available for definitive confirmation, two recent observations are consistent with its presence in the state.

The first was a moth photographed by Matt Goff in Sitka on June 29, 2008 (BugGuide record 197612) that was later tentatively identified from the photographs as *S. festaliella*. Derek Sikes made a corresponding observation record on Arctos: UAMObs:Ento:234757.

The second record is from a Forest Inventory and Analysis Program pilot project (Andersen et al., 2015) on Tetlin National Widlife Refuge. Sweep net samples from twenty-six sites had been sent to Research and Testing Laboratory, Lubbock, Texas, for next-generation sequencing on an illumina MiSeq using the *ZBJ-ArtF1c/ZBJ-ArtR2c* primer set (Zeale et al., 2011) targeting COI, yielding a

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157 bp COI fragment. Sequencing and analysis methods are available from Research and Testing Laboratory (2014). A cluster of 21,348 reads of a sequence matching *S. festaliella* was detected at one site. Collection data: USA: Alaska, Tetlin National Wildlife Refuge, USDA Forest Inventory and Analysis plot 36354, hills above Cheslina River, 62.626853°N, 142.644882°W ±50 m, 10.June.2014, Jeff Horoshak. Collection data are available via Arctos record UAMObs:Ento:235210 and GenBank BioSample record SAMN04532700; sequence data are available through GenBank SRA submission SRR3212095. See, for example, run SRR3212095, spot id 26431.

Larve of *S. festaliella* feed on *Rubus* (Pohl et al., 2005), including raspberry (*Rubus idaeus* L.) on which it can be "very damaging" according to Alford (2014). Johansen and Kobro (1996) described a rather severe outbreak of *S. festaliella* on cloudberry (*Rubus chamaemorus* L.) in Norway.

Figure 2: Map of Alaska records of *Schreckensteinia festaliella* from Arctos as of 10.March.2016.

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